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I hereby certify that this INFORMATION DISCLOSURE STATEMENT AND FORM PTO-1449 are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Barbara Brazier
Barbara Brazier

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : SEEMANN, et al.
FOR : CONTEXT QUANTIFIER TRANSFORMATION
IN XML QUERY REWRITE
SERIAL NO. : Unknown
FILED : Herewith
EXAMINER : Unknown
ART UNIT : Unknown
CONFIRMATION NO. : Unknown
ATTORNEY DOCKET NO. : SVL920030087US1

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicants submit the following Disclosure Statement concerning art of which the applicants are aware. A copy of PTO-1449 is enclosed herewith.

This Information Disclosure Statement is not intended to constitute an admission that any patent, publication or other information referred to herein or submitted herewith is "prior art" for this invention unless specifically designated as such.

In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Under § 1.98(a)(3), no concise explanation of relevance is required for information that is in the English language. Accordingly, the enclosed patent requires no further explanation (or no translation is available).

U.S. Patent Document(s):

AA- US 2003/0070144 - Schnelle, et al.
AB- 5,987,455 - Cochrane, et al.

Other Art:

AP- Processing XML View Queries Including User-defined Foreign Functions on Relational Databases; YOSHIHARU ISHIKAWA, et al.; Institute of Information Science and Electronics, Graduate School in Systems and Information Engineering, University of Tsukuba; Proceedings of the 3rd International Conference on Web Information Systems Engineering- 2002 IEEE Computer Society.

AQ- A Comprehensive XQuery to SQL Translation using Dynamic Interval Encoding; DAVID DEHAAN, et al.; University of Waterloo, School of Computer Science, Waterloo, Canada.

AR- Active XQuery; ANGELA BONIFATI, et al.; Dipartimento de Electronica e Informazione, Politecnico di Milano; Piazza Leonardo de vinci 32, I-20133 Milano, Italy; Proceedings of the 18 International Conference on Data Engineering- 2002 IEEE Computer Society.

AS- Integrating Hetrogeneous Data Sources with XML and XQuery; G. GARDARIN, et al.; e-XMLMedia, 31 Avenue du General Leclerc, 92340 Bourg LaReine, France; Proceedings of the 13th International Workshop on Database and Expert Systems Applications- 2002 IEEE Computer Society.

AT- Querying XML Databases; ARTUR AFONSO DE SOUSA, et al.; Escola Superior de Tecnologia de Viseu, Departamento de Informatica, Portugal - Universidade do Minho, Department de Sistemas de Informacao, Guimares, Portugal; Proceedings of the XXII International Conference of the Chilean Computer Science Society- 2002 IEEE Computer Society.

AU- Towards Declarative XML Querying; MENGCHI LIU, et al.; School of Computer Science, Carleton University, Ottawa, Ontario, Canada K1S 5B6; Proceedings of the 3rd International Conference on Web Information Systems Engineering - 2002 IEEE Computer Society.

AV- Optimized Translation of XPath into Algebraic Expressions
Parameterized by Programs Containing Navigational Primitives; SVEN
HELMER, et al.; University of Mannheim, Germany; Proceedings of the
3rd International Conference on Web Information Systems Engineering-
2002 IEEE Computer Society.

AW- Extensible/Rule Based Query Rewrite Optimization in Starburst;
Hamid PIRAHESH, et al.; IBM Almaden Research Center; San Jose, CA
95120.

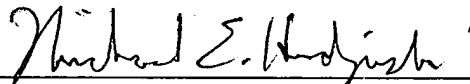
Consideration of the appropriate paragraph(s) indicated below
is respectfully requested:

[X] **WITHIN THREE MONTHS OF FILING:** Under § 1.97(b)(1), this
Information Disclosure Statement is being filed within three months
of the filing date of the application. Although it is believed no
fee is necessary, any deficiency in fees should be charged to
Deposit Account No. 09-0460.

It is respectfully requested that the attached document(s) be
considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & MCKEE, LLP



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S) <i>(Use as many sheets as necessary)</i>	Substitute for form 1449/PTO		Complete if Known	
	Application Number		Unknown	
	Filing Date		Herewith	
	First Named Inventor		Seemann, et al.	
	Art Unit		Unknown	
	Examiner Name		Unknown	
Sheet 1 of 1		Attorney Docket Number		SVL920030087US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-2003/0070144 A1	0410-2003	Schnelle, et al.	
	AB	US-5,987,455	11-16-1999	Cochrane, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	AL					

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
	AP	Processing XML View Queries Including User-defined Foreign Functions on Relational Databases; YOSHIHARU ISHIKAWA, et al.; Institute of Information Science and Electronics, Graduate School in Systems and Information Engineering, University of Tsukuba; Proceedings of the 3rd International Conference on Web Information Systems Engineering- 2002 IEEE Computer Society.	
	AQ	A Comprehensive XQuery to SQL Translation using Dynamic Interval Encoding; DAVID DEHAAN, et al.; University of Waterloo, School of Computer Science, Waterloo, Canada.	
	AR	Active XQuery; ANGELA BONIFATI, et al.; Dipartimento de Electronica e Informazione, Politecnico di Milano; Piazza Leonardo de vinci 32, I-20133 Milano, Italy; Proceedings of the 18 International Conference on Data Engineering- 2002 IEEE Computer Society.	
	AS	Integrating Hetrogeneous Data Sources with XML and XQuery; G. GARDARIN, et al.; e-XMLMedia, 31 Avenue du General Leclerc, 92340 Bourg LaReine, France; Proceedings of the 13th International Workshop on Database and Expert Systems Applications- 2002 IEEE Computer Society.	
	AT	Querying XML Databases; ARTUR AFONSO DE SOUSA, et al.; Escola Superior de Tecnologia de Viseu, Departamento de Informatica, Portugal - Universidade do Minho, Department de Sistemas de Informacao, Guimares, Portugal; Proceedings of the XXII International Conference of the Chilean Computer Science Society- 2002 IEEE Computer Society.	
	AU	Towards Declarative XML Querying; MENGCHI LIU, et al.; School of Computer Science, Carleton University, Ottawa, Ontario, Canada K1S 5B6; Proceedings of the 3rd International Conference on Web Information Systems Engineering - 2002 IEEE Computer Society.	
	AV	Optimized Translation of XPath into Algebraic Expressions Parameterized by Programs Containing Navigational Primitives; SVEN HELMER, et al.; University of Mannheim, Germany; Proceedings of the 3rd International Conference on Web Information Systems Engineering- 2002 IEEE Computer Society.	
	AW	Extensible/Rule Based Query Rewrite Optimization in Starburst; Hamid PIRAHESH, et al.; IBM Almaden Research Center; San Jose, CA 95120.	

Examiner Signature		Date Considered	
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